



Wireless data logger with RS485 Modbus-RTU input. It allows adding one or more sensors with RS485 Modbus-RTU output (for example an anemometer of the HD52.3D... series) in the wireless network. A voltage-free contact input allows connecting a rain gauge. As an alternative to the Modbus-RTU protocol, a proprietary protocol can be used to connect the HD2003 anemometer.

IP 67 waterproof housing. Custom LCD display (only with **option L**). It stores the measures in its internal memory (from 14,000 to 52,000 samples depending on the number of acquired quantities) and transmits the logged data to the base unit automatically at regular intervals or upon request.

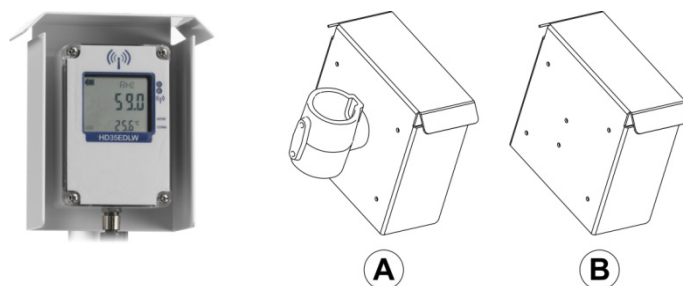
Acoustic alarm with internal buzzer. Configuration via **HD35AP-S** software. External 24 Vdc power supply. Installation: wall mounting with HD35.24W flange (**optional**) or fixing to a \varnothing 40 mm mast with HD2003.77/40 clamping (**optional**). Protection shield against solar radiations (**optional**) for outdoor installation. The antenna is internal by default; on request, the antenna can be external fixed or with 3 m cable.

It has switched power supply output to power the sensors only when the measurement has to be carried out. The output, when enabled, has the same value as the power input.

TECHNICAL CHARACTERISTICS

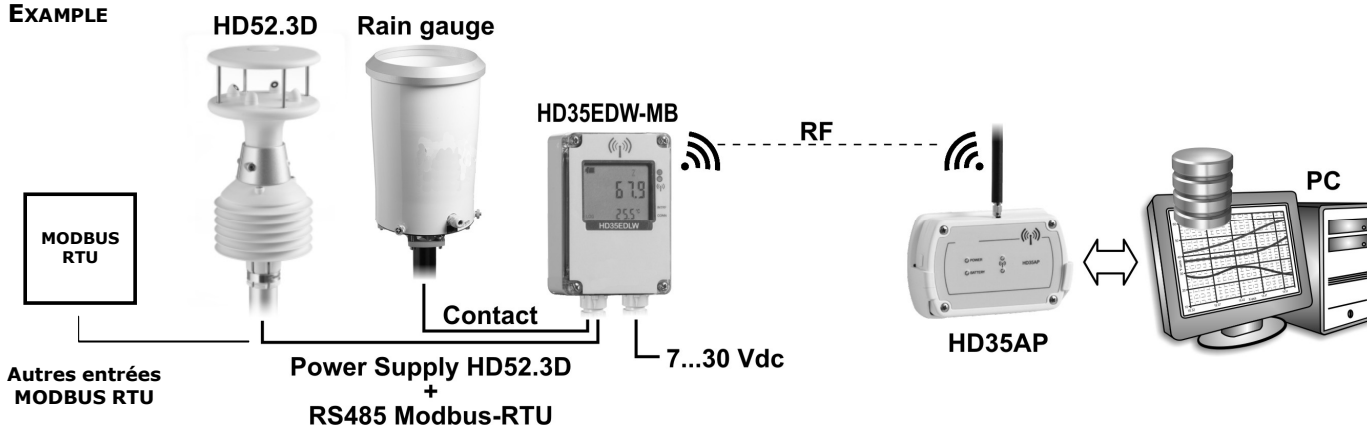
Transmission frequency	Factory configurable at choice among: 868 MHz, 902-928 MHz, 915-928 MHz, 921.5-928 MHz or 915,9-929,7 MHz depending on the frequency in use in the country of installation
Transmission range	In open field: 300 m (E, J)/ 180 m (U) with internal antenna. > 500 m (E, J, U) with external antenna. (can be reduced in presence of obstacles or adverse atmospheric conditions)
Logging interval	1, 2, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 30, 60 min (the minimum interval may be greater than 1 s if several devices are acquired)
Power supply	7...30 Vdc
Current consumption	< 10 mA
Input	RS485 Modbus-RTU / Contact input
Operating conditions	-20...+70 °C / 0...100 %RH non condensing
Dimensions	120 x 80 x 55 mm (excluding external antenna)
Weight	200 g approx.
Housing	Polycarbonate
Protection degree	IP 67

SOLAR RADIATIONS SHIELD OPTIONS

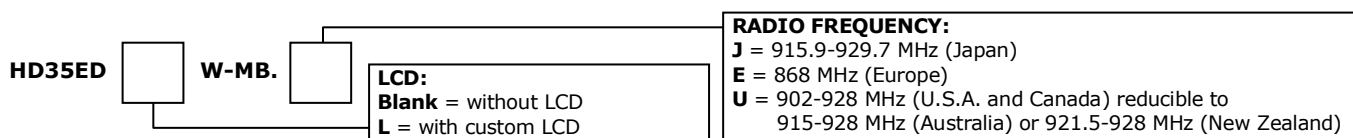


A = for fixing to a \varnothing 40 mm mast (with HD2003.77/40 clamping)
B = wall mount (without clamping)

EXAMPLE



DATA LOGGER ORDERING CODES



Document non contractuel - Nous nous réservons la possibilité de faire évoluer les caractéristiques de nos produits sans préavis

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